

## Multifunctional, air-conditioning and antistaling cold storage cabinet

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### Abstract of CN 1238445 (A)

An antistaling cold storage cabinet with such funtions of refrigeration, cold storage, air conditioning and oxygen generation is composed of refrigerating system, sterilizing system, air-conditioningsystem and computer system. By means of the oil remover, water remover, drier, magnetic variator, pressure vairator, separator and humidifier in air-conditioning system and under the control of computer according to a certain technology, air is decomposed into wet N<sub>2</sub>, dry N<sub>2</sub>, O<sub>w</sub> and CO<sub>2</sub> gases, which are stored. Under the control of computer, they are porportionally added into the antistaling cabinet based on antistaling requirement to obtain longer antistaling period of vegetable and fruit (1-3 months) while sterilizing them. The stored O<sub>2</sub> can be used to condition indoor air or for medical purpose.

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